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a. CLASSIFI IPC 7	ICATION OF SUBJECT MATTER B65G1/133			
According to	International Patent Classification (IPC) or to both national classification	and IPC		
B. FIELDS S	EARCHED			
Minimum doc IPC 7	cumentation searched (classification system followed by classification sy $B65G$	/mbols)		
Documentation	on searched other than minimum documentation to the extent that such	documents are inclu	ded in the fields sea	rched
Electronic da	ata base consulted during the international search (name of data base a	nd, where practical,	search terms used)	
EPO-Int	ternal, PAJ			
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant	nt passages		Relevant to claim No.
х	US 2003/065421 A1 (DIDRIKSEN JAN E 3 April 2003 (2003-04-03)	ET AL)		1-5,10, 12-15, 17,21-23
Υ	paragraph '0105! - paragraph '0114! figures 1-5	!;		6-9, 18-20
Υ .	US 4 389 157 A (GOSWICK RICHARD L l 21 June 1983 (1983-06-21) column 1, line 52 - line 56 column 9, line 16 - line 64; figure			6-9, 18-20
Х	DE 198 50 636 A (ZELLER GEORG) 4 May 2000 (2000-05-04)			1-3,5, 10, 12-14, 17,22,23
	the whole document			, ,
	-/-			
		•		
X Furt	ther documents are listed in the continuation of box C.	X Patent family	members are listed in	annex.
"A" docum consic "E" earlier filing of the claum which claum other	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or its cited to establish the publication date of another on or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but	or priority date an cited to understar invention document of partic cannot be considinvolve an invention document of partic cannot be considiocument is comments, such comin the art.	cular relevance; the c lered to involve an inv bined with one or mo	the application but cory underlying the laimed invention be considered to cument is taken alone laimed invention ventive step when the re other such docusto a person skilled
<u></u>	actual completion of the international search	Date of mailing of	the international sea	rch report
2	29 September 2004	06/10/2	2004	
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer		

'GB2004/003474

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	DE 12 19 864 B (WALTHER ZARGES DIPL ING) 23 June 1966 (1966-06-23) column 5, line 37 - line 52; figure 1	1-5,10, 12-17, 22,23
A	PATENT ABSTRACTS OF JAPAN vol. 0092, no. 26 (M-412), 12 September 1985 (1985-09-12) & JP 60 082509 A (NIHON FUAIRINGU SEIZOU KK), 10 May 1985 (1985-05-10) abstract	6-8,18, 19
X	US 5 575 375 A (TAYLOR RONALD K ET AL) 19 November 1996 (1996-11-19) column 3, line 50 - column 5, line 62; figures 1,2	1-3,5,6, 12-18, 22,23
х	EP 0 864 513 A (UNITED PARCEL SERVICE INC) 16 September 1998 (1998-09-16) figure 2	1-3,5, 10-17
A	US 5 894 918 A (BONNET HENRI) 20 April 1999 (1999-04-20) the whole document	1,14,17

Information on patent family members

/GB2004/003474

						7 402	.004/0034/4
	Patent document ed in search report		Publication date		Patent family member(s)		Publication date
US	2003065421	A1	03-04-2003	EP	1273531	A1	08-01-2003
US	4389157	Α	21-06-1983	FR GB	2509271 2101574		14-01-1983 19-01-1983
DE	19850636	Α	04-05-2000	DE	19850636	A1	04-05-2000
DI	1219864	В	23-06-1966	AT	247247		25-05-1966
				CH GB	439103 1083116		30-06-1967 13-09-1967
JI	P 60082509	Α	10-05-1985	JP JP	1466113 63013887		10-11-1988 28-03-1988
	S 5575375	A	19-11-1996	JP USU URAN CCC DE FIKUPROZ LUGA BCC CC DE FIKUPROZ LUGA BCC CC DE FI	63013887 5413205 696413 5082796 9602183 2174990 1398759 1139638 9601339 69607238 69607238 0742163 2144169 961948 1013975 9601137 9226928 266765 961868 286531 314122 2161114 47132 432002 9603414 675366 7971594 9405634 2151716 1115571 9501484 4497813	B A B B A A A A A A A A A A A A A A A A	28-03-1988
				FR GB HK HU	271112: 228768: 1006564 71970	3 A ,B 4 A1 5 A2	21-04-1995 27-09-1995 05-03-1999 28-02-1996
				IT JP	RM940652 850473	3 T	13-04-1995 21-05-1996
Ì				NO NZ	95230 27565		12-06-1995 26-11-1996
				PL RU	30934 215345	2 A1	02-10-1995 27-07-2000
				SE	51007		19-04-1999

Information on patent family members

/GB2004/003474

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5575375	·A		SE SG WO ZA	9502132 A 50393 A1 9510467 A1 9408007 A	11-08-1995 20-07-1998 20-04-1995 31-05-1995
EP 0864513	A	16-09-1998	USP EPP ATT ACA ACA COLORD DE	5433311 A 0869087 A2 0864513 A2 0864514 A2 177406 T 267131 T 235408 T 241550 T 1095395 A 2166888 A1 2345399 A1 2345400 A1 2345402 A1 69417054 D1 69417054 D1 69432368 T2 69432368 T2 69432761 D1 69432761 T2 69432761 T2 69433799 D1 728114 T3 869087 T3 864513 T3 864514 T3 0728114 A1 2195269 T3 2203878 T3 9505264 T 3093272 B2 9513977 A1 5489017 A 5509526 A 5501313 A	18-07-1995 07-10-1998 16-09-1998 16-09-1998 15-03-1999 15-06-2004 15-04-2003 15-06-2003 06-06-1995 26-05-1995 26-05-1995 26-05-1995 15-04-1999 01-07-1999 30-04-2003 12-02-2004 03-07-2003 08-04-2004 24-06-2004 27-09-1999 20-09-2004 21-07-2003 29-09-2003 28-08-1996 01-12-2003 16-04-2004 27-05-1997 03-10-2000 26-05-1995 06-02-1996 23-04-1996 26-03-1996 05-11-1996
US 5894918	A	20-04-1999	AT CA CA DE DE DK EP EP ES JP WO	5570773 A 217848 T 2276482 A1 2451972 A1 69805498 D1 69805498 T2 950013 T3 1215141 A1 0950013 A2 2176948 T3 3515130 B2 2000514026 T 9830476 A2	15-06-2002 16-07-1998 16-07-1998 27-06-2002 28-11-2002 16-09-2002 19-06-2002 20-10-1999 01-12-2002 05-04-2004 24-10-2000 16-07-1998